

102.17 - Zinc Base Alloys (block, chip and disk forms)

SRM 1738 through 1741 and SRM 2139 are specially prepared alloys primarily intended for use with spectrometric methods of analysis.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Concentration are expressed as mass fraction, in %														
SRM Description	Unit of Issue	Aluminum (Al)	Cadmium (Cd)	Calcium (Ca)	Chromium (Cr)	Copper (Cu)	Gallium (Ga)	Germanium (Ge)	Indium (In)	Iron (Fe)	Lead (Pb)	Magnesium (Mg)	Manganese (Mn)	Nickel (Ni)
625 Zinc-Base Die-Casting Alloy A (block form)	block	3.06	0.0007		0.0128	0.034				0.036	0.0014	0.070	0.031	0.0184
626 Zinc-Base Die-Casting Alloy B (block form)	block	3.56	0.0016		0.0395	0.056				0.103	0.0022	0.020	0.048	0.047
627 Zinc-Base Die-Casting Alloy C (block form)	block	3.88	0.0051		0.0038	0.132				0.023	0.0082	0.031	0.014	0.0029
628 Zinc-Base Die-Casting Alloy D (block form)	block	4.59	0.0040		0.0087	0.611				0.066	0.0045	0.0094	0.0091	0.030
629 Zinc-Base Die-Casting Alloy E (block form)	block	5.15	0.0155		0.0008	1.50				0.017	0.0135	0.094	0.0017	0.0075
630 Zinc-Base Die-Casting Alloy F (block form)	block	4.30	0.0048		0.0031	0.976				0.023	0.0083	0.030	0.0106	0.0027
631 Spectrographic Zinc Spelter (Modified)	block	0.50	0.0002	<0.001	0.0001	0.0013	(0.002)	(0.0002)	0.0023	0.005	(0.001)	(<0.001)	0.00015	(<0.0005)
1738 Zinc-Aluminum Alloy	disk	0.1014										0.0101		
1740 Zinc-Aluminum Alloy	disk	0.4177										0.0691		
1741 Zinc-Aluminum Alloy	disk	0.5242										0.1571		
2139 Zinc-Aluminum Alloy	100 g	0.2042										0.0302		
2426 55 % Aluminum-Zinc Alloy	40 g	58.18										0.454		

- Certified values are normal font
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Silicon (Si)
0.017
0.042
0.021
0.008
0.078
0.022
(0.002)
1.925

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